



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sewalt et al.

Serial No.: 10/613,714

Filed: 7/3/2003

Title: Composition and Method for
Reducing Caking in Proteinaceous
Products

Group Art Unit:

To be assigned

Examiner:

To be assigned

Attorney Docket No.: 4532670/2971

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 10-16-03

Typed Name: Jeri D. Krutsinger

Signature: Jeri D. Krutsinger



Kent A. Herink
Attorney/Agent for Applicant(s)
Reg. No. 31025

Date: 10/15/03

Telephone No.: 515-288-2500



PTO/SB/08A (05-03)

Approved for use through 05/31/2003. OMB 0651-0031
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/613,714
Filing Date	7/3/2003
First Named Inventor	Sewalt et al.
Art Unit	
Examiner Name	
Attorney Docket Number	4532670/2971

Sheet

1

of

2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-09/779,375	7/25/02	Bob Buchanan	
		US-5,952,034	9/14/1999	Bob Buchanan	
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

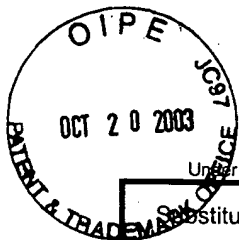
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		PCT/EP01/06918	12/27/01	Lanahan		
		PCT/EP99/09986	6/22/00	Lanahan		
		EP 0 672 127 B1	7/1/1999			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/613,714		
		Filing Date	7/3/2003		
		First Named Inventor	Sewalt et al.		
		Group Art Unit			
Sheet	2	of	2	Examiner Name	
				Attorney Docket Number	4532670/2971

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VAL, G.D., YEE, B.C., LOZANO, R.M., BUCHANAN, B., ERMEL, R.W., LEE, Y.M., and FRICK, O.L., "Thioredoxin Treatment increases digestibility and lowers allergenicity of milk", J. Allergy & Clin. Immunol., 103(4):690-697, April 1999.	
		BUCHANAN, B., "Thioredoxin as a reductant of storage proteins and an improver of products from different cereal flour", Cereal Foods World 38(8):612, October 1993.	
		JANKIEWICZ M., AND POMERANZ, Y., "Comparison of the Effects of N-Ethylmaleimide and Urea on Rheological Properties of Dough", Cereal Chem 42:37, January 1965.	
		BUCHANAN B., "+Thioredoxin-linked mitigation of allergic responses to wheat", Proc. Natl. Acad. Sci., 94(10):5372-5377, 05/13/1997.	
		LENDING and LARKINS, "Changes in zein composition of protein bodies during maize endosperm development", The Plant Cell 1:1011-1023, October 1989.	
		ORIA, HAMAKER, AXTELL, and HUANG. "A highly digestible sorghum mutant cultivar exhibits a unique folded structure of endosperm protein bodies", PNAS 97(10): 5065-5070, May 9, 2000.	
		SHEWRY, P.R., NAPIER, J.A., and TATHAM, A.S., "+Seed Storage prtoeins: Structures and Biosynthesis", The Plant Cell 9 (1995)7: 945-956.	

Examiner Signature		Date Considered	
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/613,714
	Filing Date	Jul 3, 2003
	First Named Inventor	Sewalt, Vincent
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	4532670/2971

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Kent A. Herink
Signature	
Date	October 15, 2003

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Type or printed	Jeri D. Krutsinger		
Signature		Date	10-16-03

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